## **Snowpack and Surface Water Related Citations**

## **NPS Air Toxics Workshop Proceedings**

## Seattle, WA - NOAA, Sand Point, WA

Campbell, D.H., Baron, J., Tonnessen, K. A., Brooks, P.D., and Schuster, P.F., 2000, Controls on nitrogen flux in alpine/subalpine watersheds of Colorado, Water Resources Research 36: 37-47.

Campbell, D.H., Clow, D.W., Ingersoll, G.P., Mast, M.A., Spahr, N.E., and Turk, J.T., 1995b, Processes controlling the chemistry of two snowmelt-dominated streams in the Rocky Mountains: Water Resources Research, v. 31, no. 11, p. 2811-2821.

Campbell, D.H., Kendall, C., Chang, C.C.Y., Silva, S.R., and Tonnessen, K.A., 2001, Pathways for nitrate release from an alpine watershed: determination using d15N and d18O, Water Resources Research (in press).

Clow, D.W., and Ingersoll, G.P., 1994, Particulate carbonate matter in snow from selected sites in the south-central Rocky Mountains: Atmospheric Environment, v. 28, no. 4, p. 575-584.

Clow, D.W., Campbell, D.H., Mast, M.A., Striegl, R.G., and Wickland, K.P., 2000, Loch Vale, Colorado-- A Water, Energy, and Biogeochemical Budgets Program Site: U.S. Geological Survey Fact Sheet 164-99.

Clow, D.W., Striegl, R.G., Mast, M.A., Campbell, D.H., Krabbenhoft, D.P., 2001, Current status of high-elevation lake chemistry in national parks in the western United States, Water, Air, and Soil Pollution, (in press).

Heuer, K., Tonnessen, K.A., Ingersoll, G.P., 2000, Comparison of precipitation chemistry in the Central Rocky Mountains, Colorado, USA, Atmospheric Environment 34, pp. 1713-1722.

Ingersoll, G.P., Turk, J.T., Mast, M.A., Clow, D.C., Campbell, D.H., Rocky Mountain Snowpack Chemical Composition: Program History, Innovations, and the importance of Monitoring Mountain Ecosystems, U.S. Geological Survey Factsheet (in review)

Ingersoll, G.P., 1999, Effects of snowmobile use on snowpack chemistry in Yellowstone National Park, 1998, U.S. Geological Survey Water Resources Investigation Report 99-4148, 23 p.

Ingersoll, G.P., 2000, Snowpack chemistry at selected sites in Colorado and New Mexico during winter 1999-2000, U.S. Geological Survey Open-File Report 00-394, 9 p.

Mast, M.A., 1992, Geochemical characteristics, in Baron, J.S., ed., Biogeochemistry of an Alpine Ecosystem: New York, Springer-Verlag, p. 93-107.

Mast, M.A., Kendall, C., Campbell, D.H., Clow, D.W., and Back, J., 1995, Determination of hydrologic pathways in an alpine-subalpine basin using isotopic and chemical tracers,

- in Tonnessen, K., Williams, M., and Tranter, M., eds., Biogeochemistry of seasonally snow-covered catchments: Boulder, Colorado, International Association of Hydrological Sciences, p. 263-270.
- Mast, M.A., Turk, J.T., Ingersoll, G.P., and Clow, D.W., 2001, Use of stable sulfur isotopes to identify sources of sulfate in the Rocky Mountain Snowpacks, Atmospheric Environment: 35, 3303-3313.
- Ranalli, A.J., Turk, J.T., and Campbell, D.H., 1997, The use of bulk collectors in monitoring wet deposition at high-altitude sites in winter: Water, Air, and Soil Pollution, v. 95, p. 237-255.
- Turk, J.T., and Campbell, D.H., 1997, Are aquatic resources of the Mt. Zirkel Wilderness Area affected by acid deposition and what will emissions reductions at the local power plants do?: U.S. Geological Survey Fact Sheet FS-043-97, 4 p.
- Turk, J.T., and Spahr, N.E., 1991, Rocky Mountains, in Charles, D.F., ed., Acidic Deposition and Aquatic Ecosystems: New York, Springer-Verlag, p. 471-499.
- Turk, J.T., Taylor, H.E., Ingersoll, G.P., Tonnessen, K.A., Clow, D.W., Mast, M.A., Campbell, D.H., Melack, J.M., 2001, Major ion chemistry of the Rocky Mountain snowpack, Atmospheric Environment: 35, 3957-3966.